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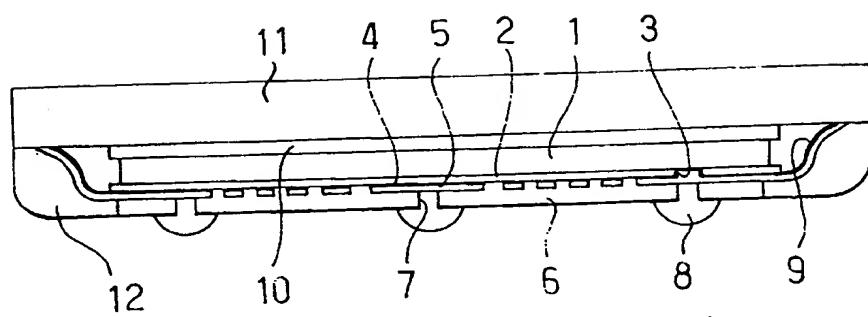


FIG.1

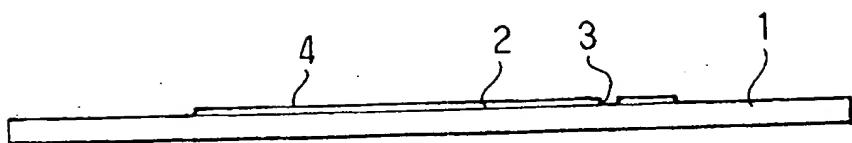


FIG. 2A

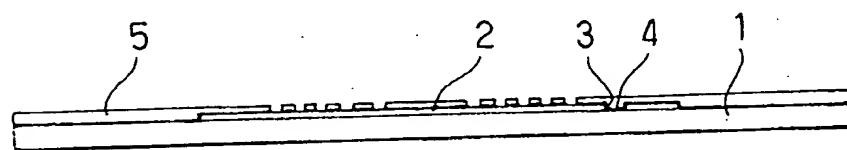


FIG. 2B

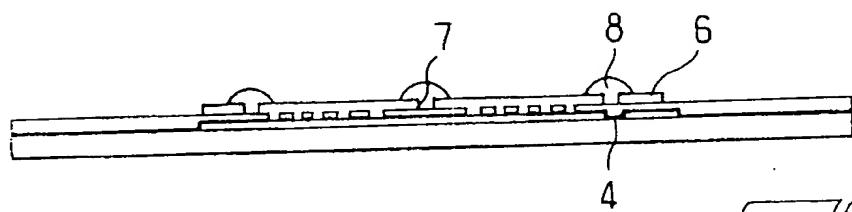


FIG. 2C

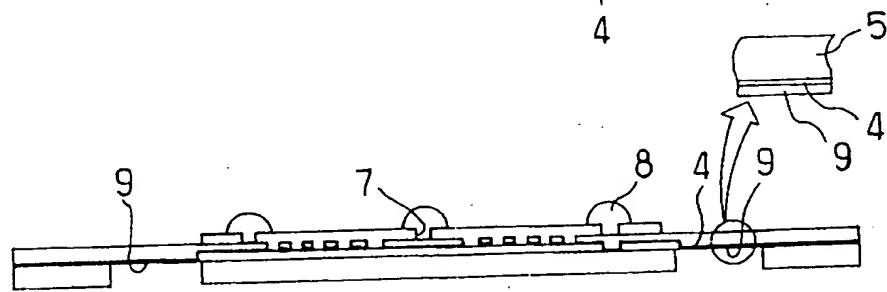


FIG. 2D

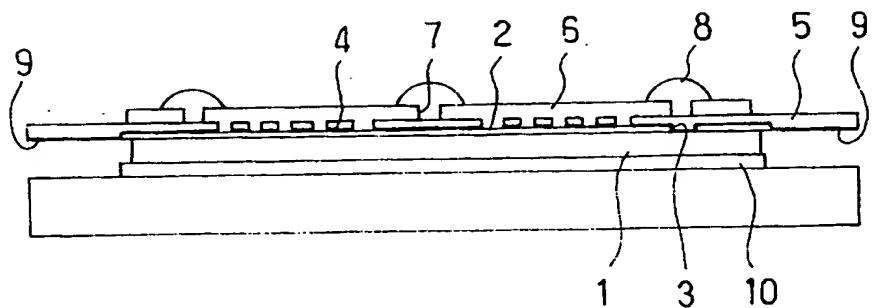


FIG. 3A

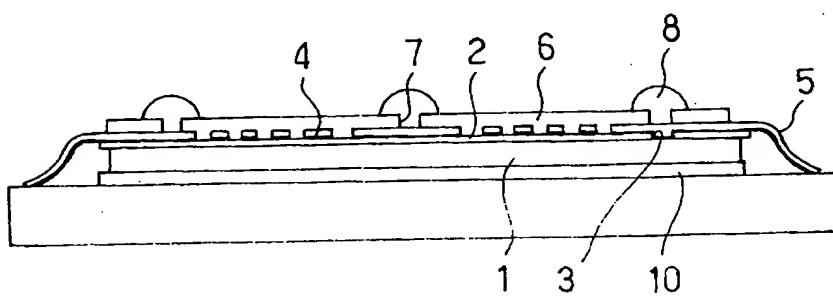


FIG. 3B

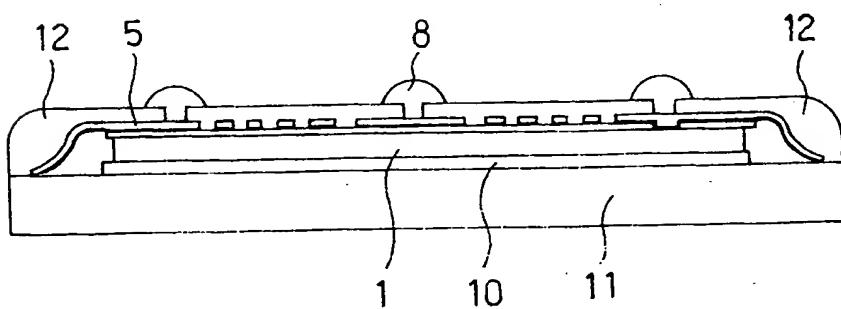


FIG. 3C

FIG.4

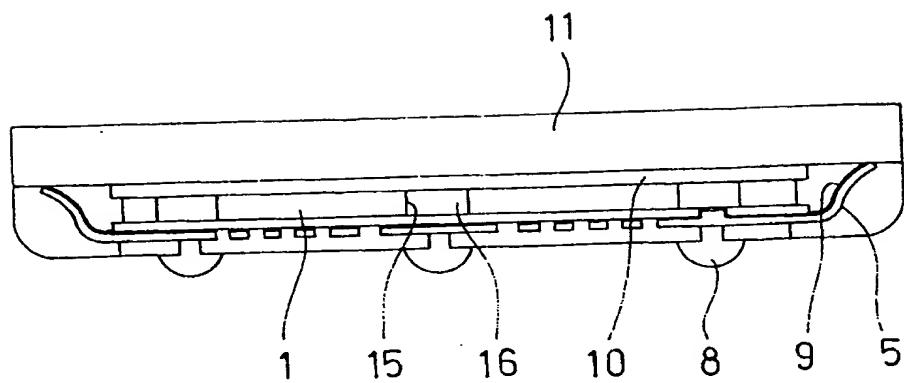
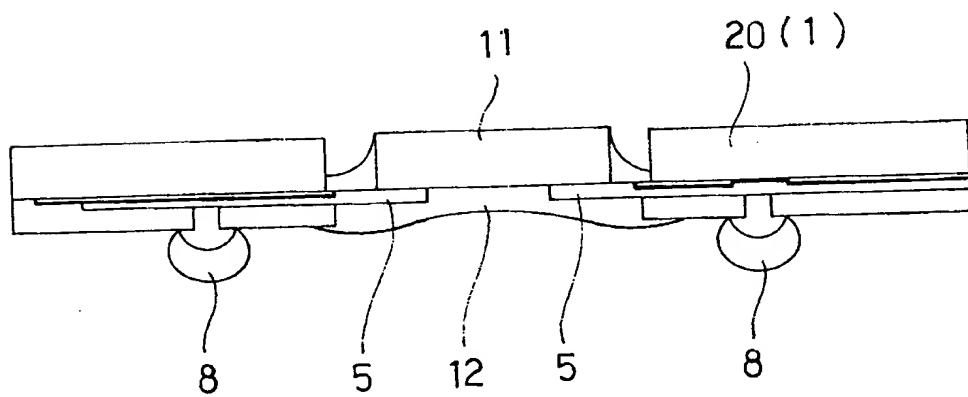


FIG.5



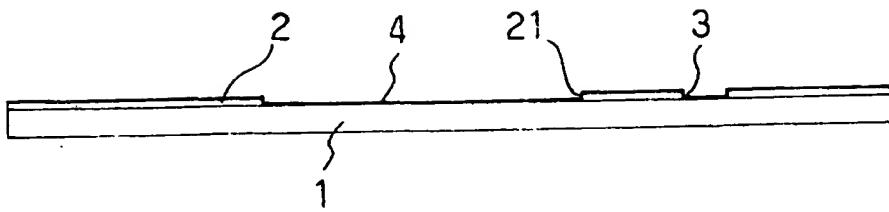


FIG. 6A

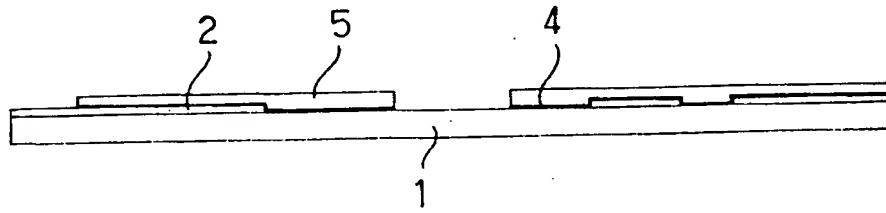


FIG. 6B

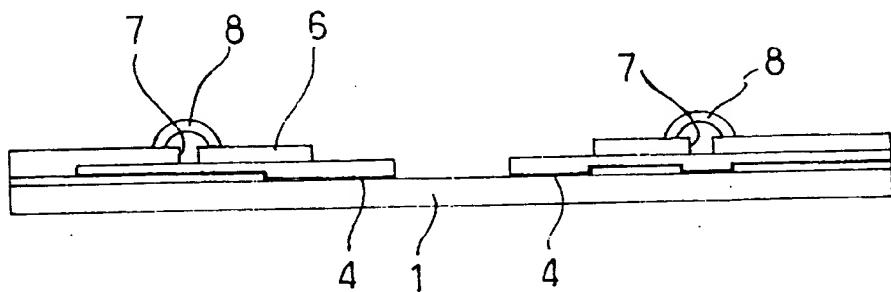


FIG. 6C

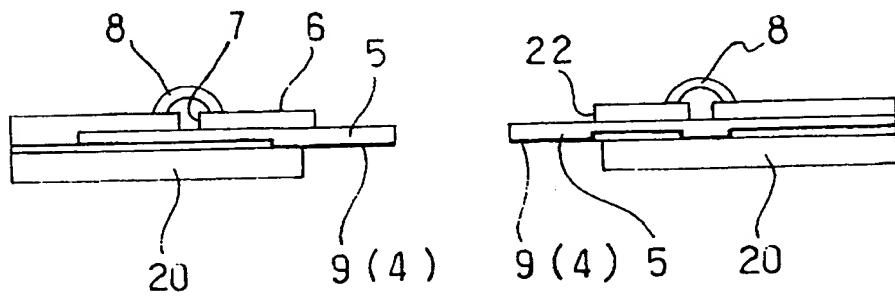


FIG. 6D

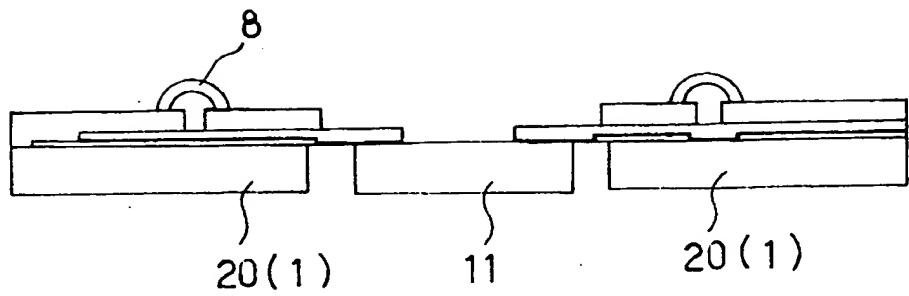


FIG. 7A

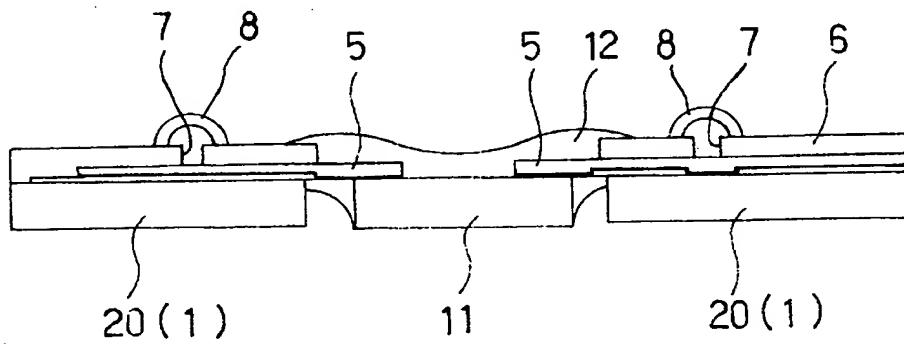


FIG. 7B

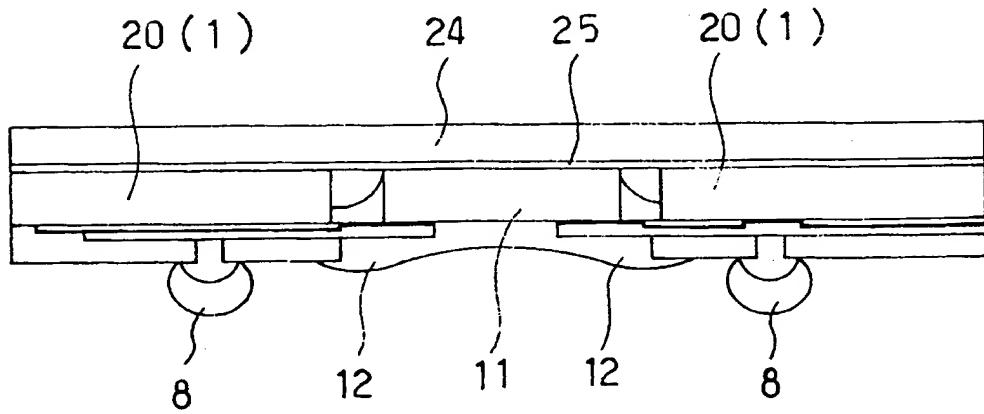


FIG. 8

FIG. 9

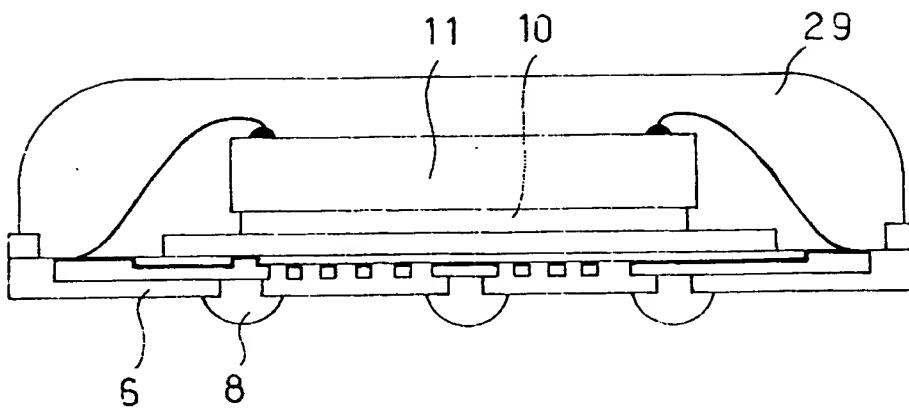


FIG. 10A

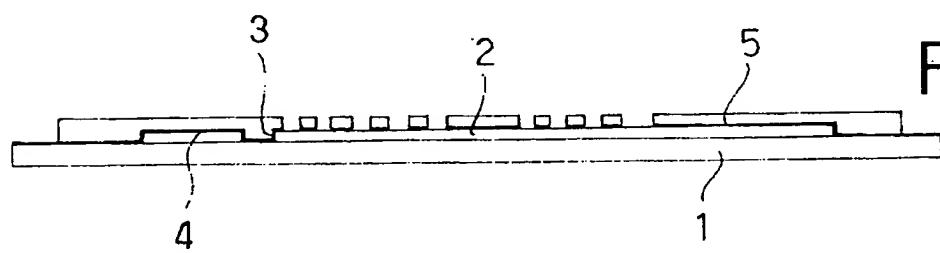


FIG. 10B

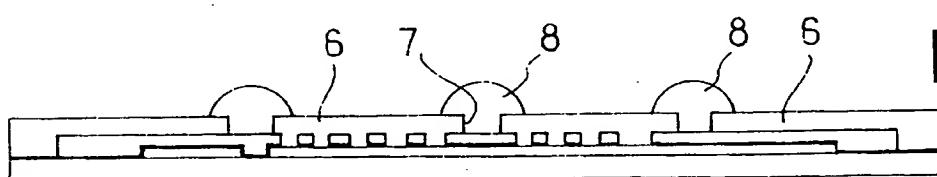


FIG. 10C

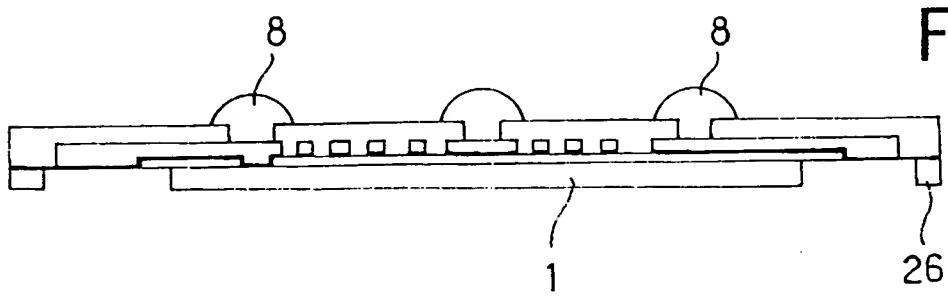


FIG. 11A

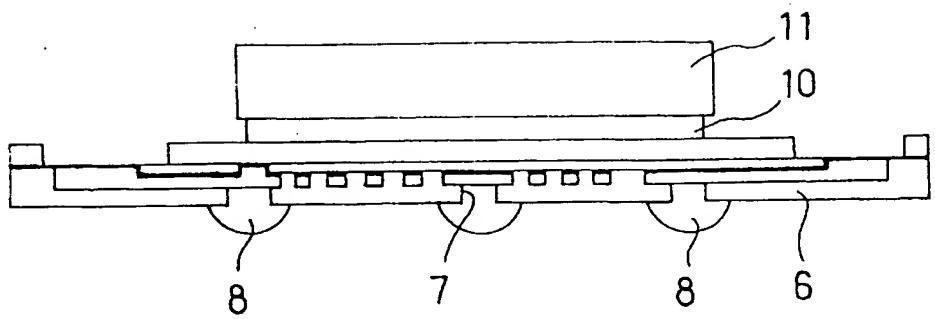


FIG. 11B

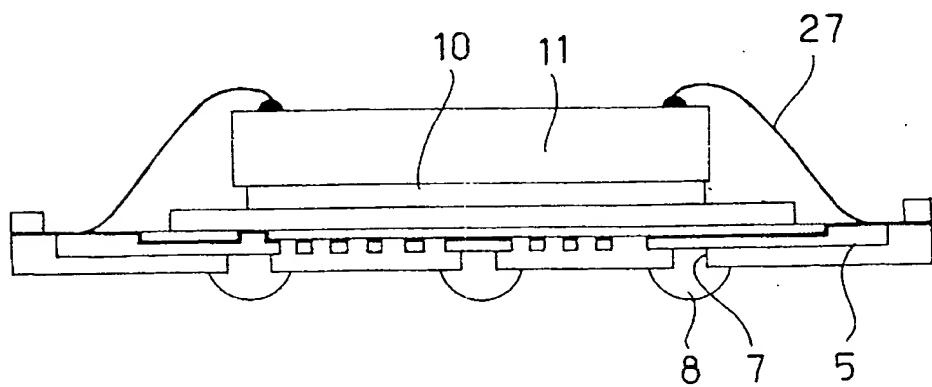


FIG.12

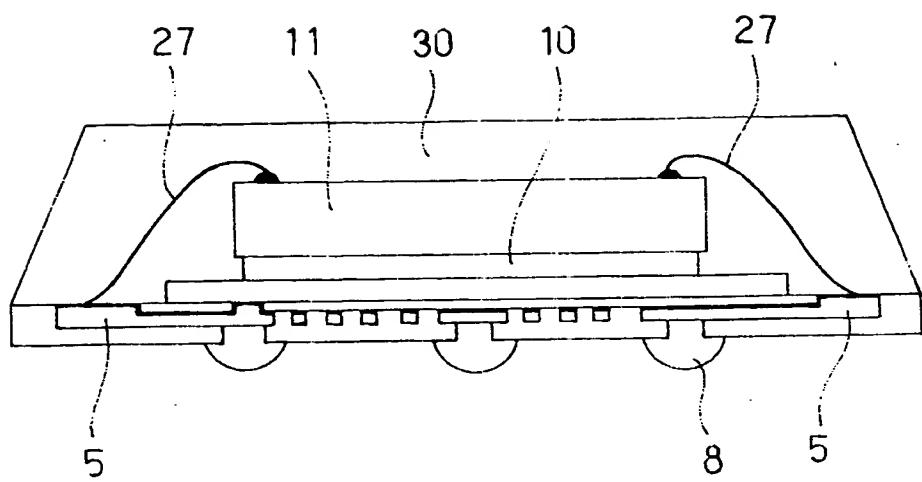


FIG.13

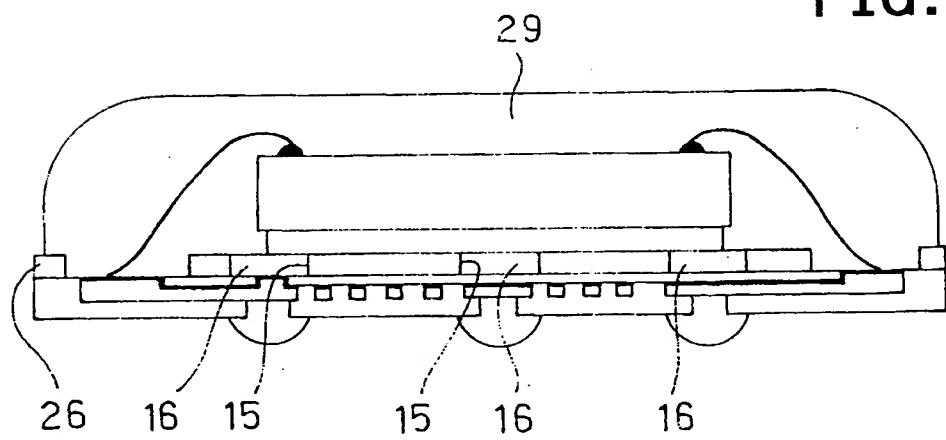


FIG. 14

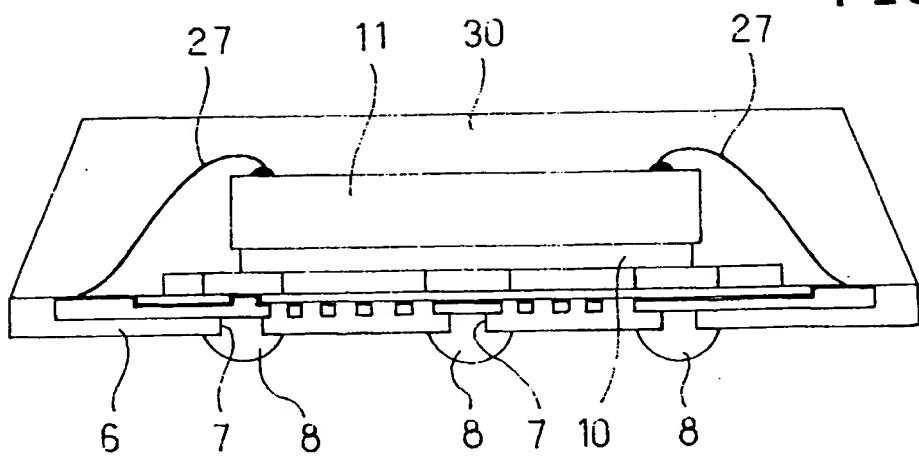
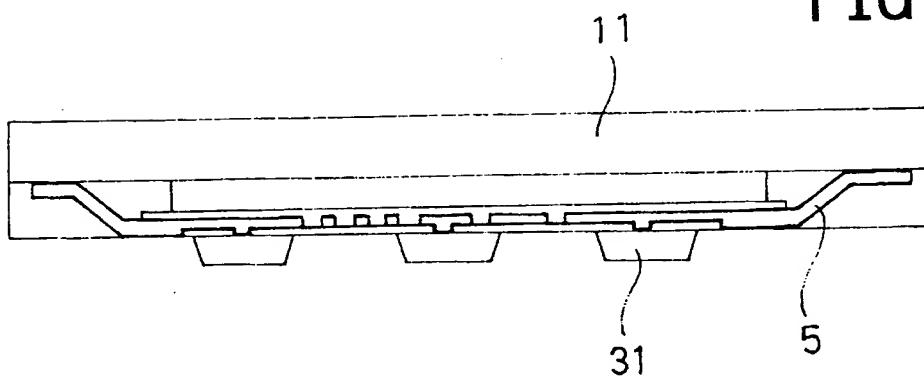


FIG. 15



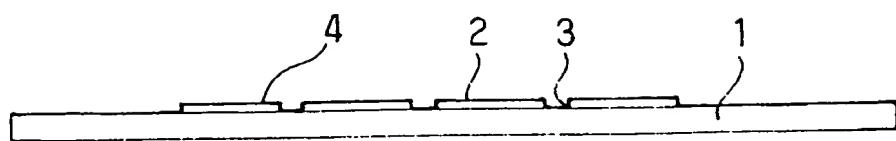


FIG. 16A

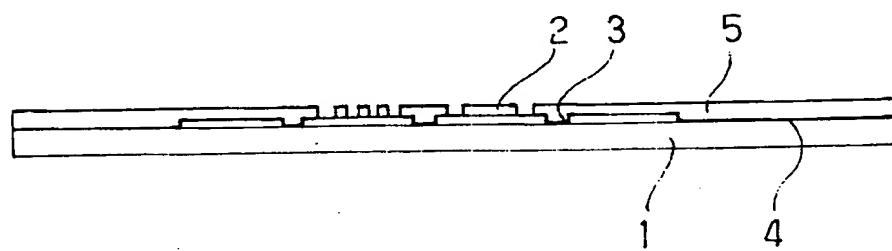


FIG. 16B

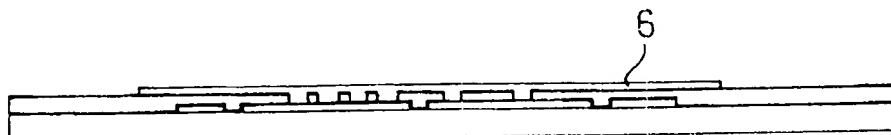


FIG. 16C

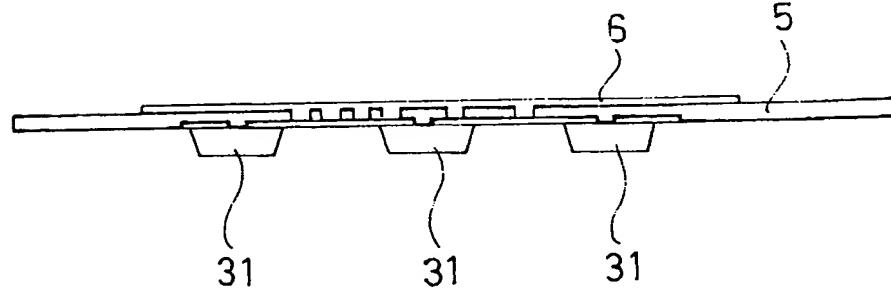


FIG. 16D

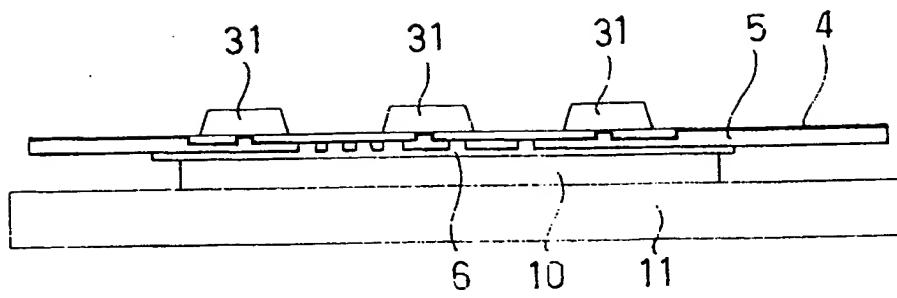


FIG. 17A

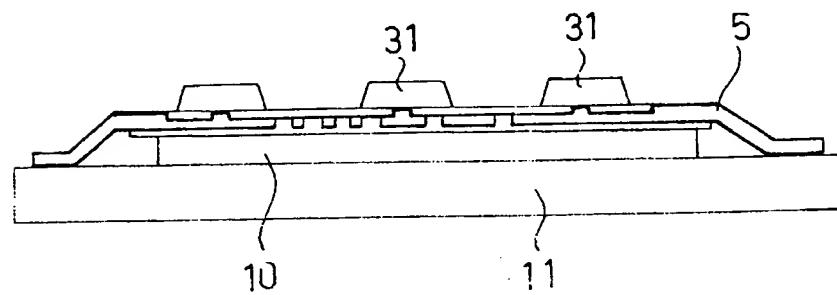


FIG. 17B

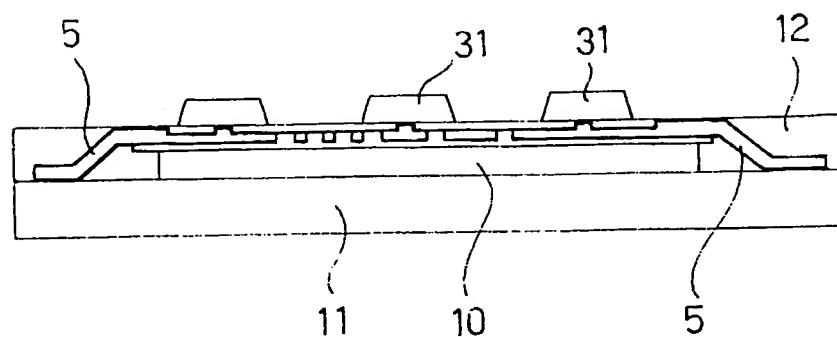


FIG. 17C

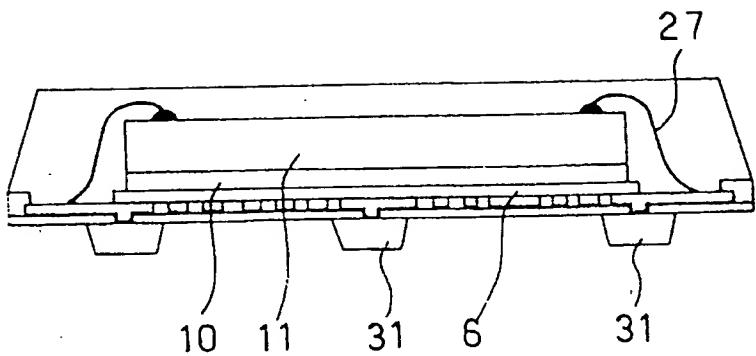


FIG. 18

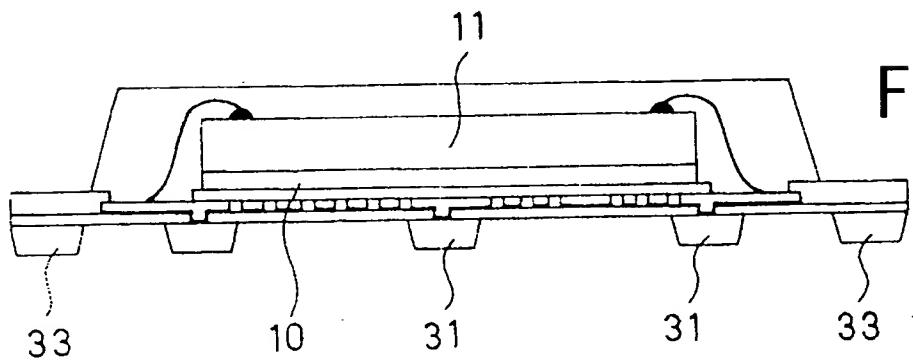


FIG. 19

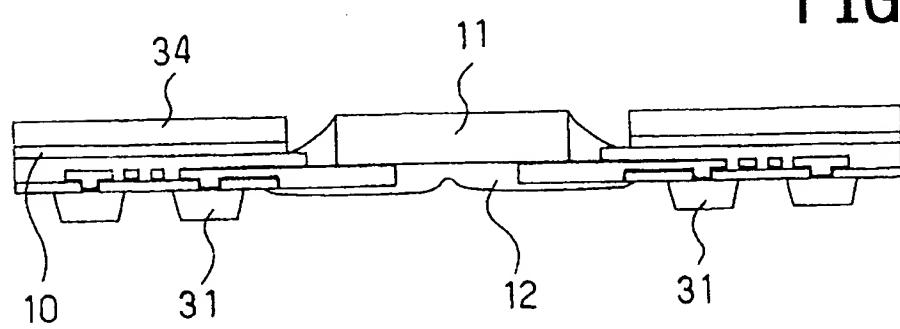


FIG. 20

FIG.21A

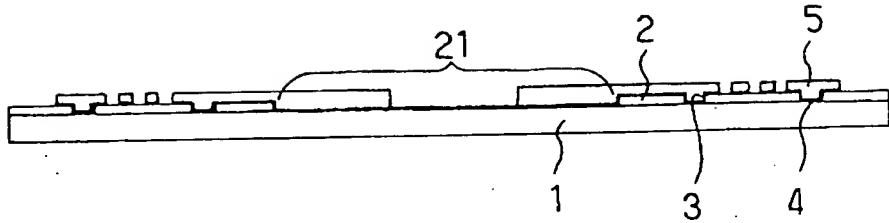


FIG.21B

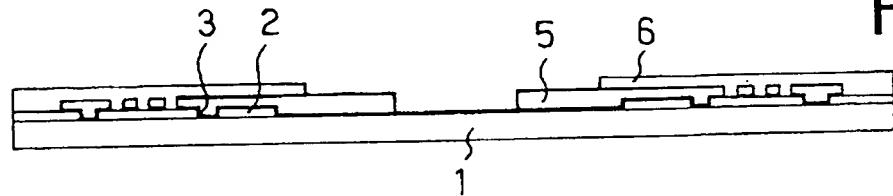


FIG.21C

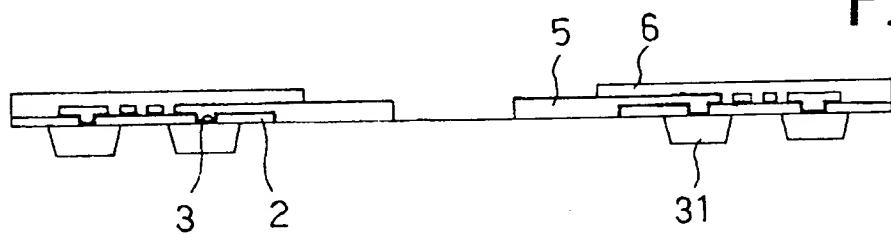


FIG. 22A

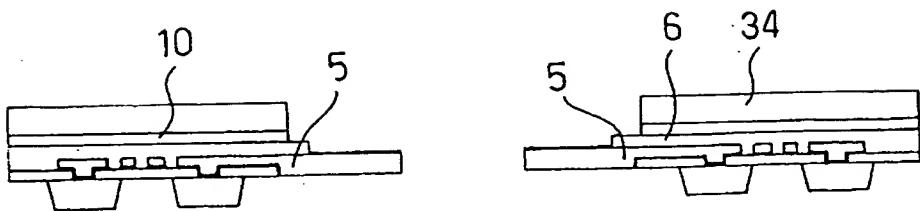


FIG. 22B

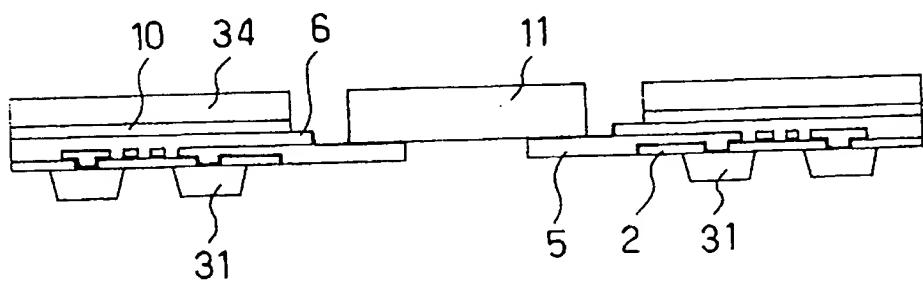


FIG. 23

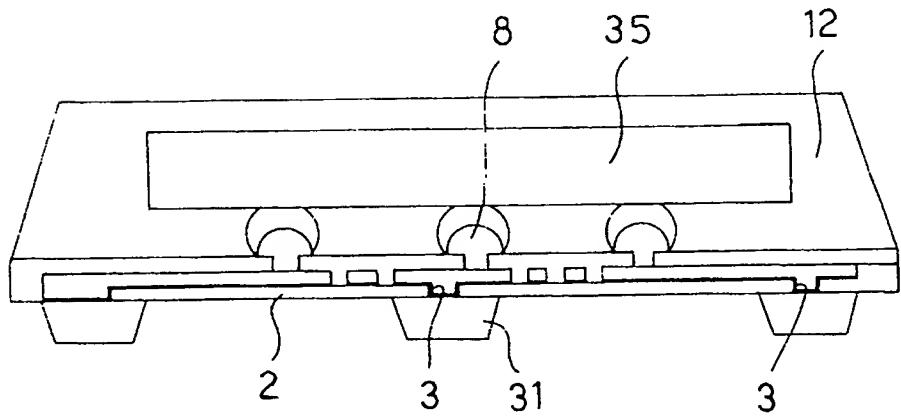


FIG.24

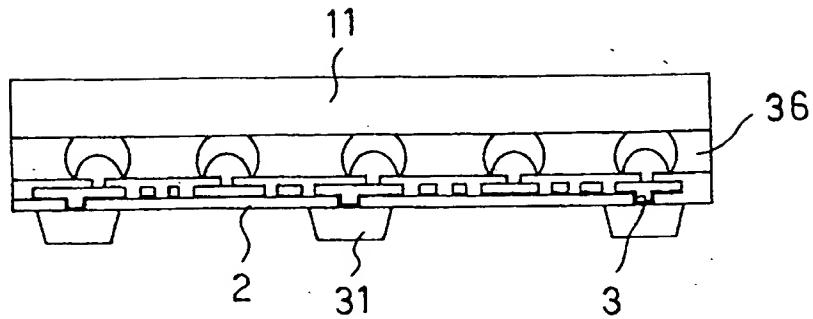


FIG.25

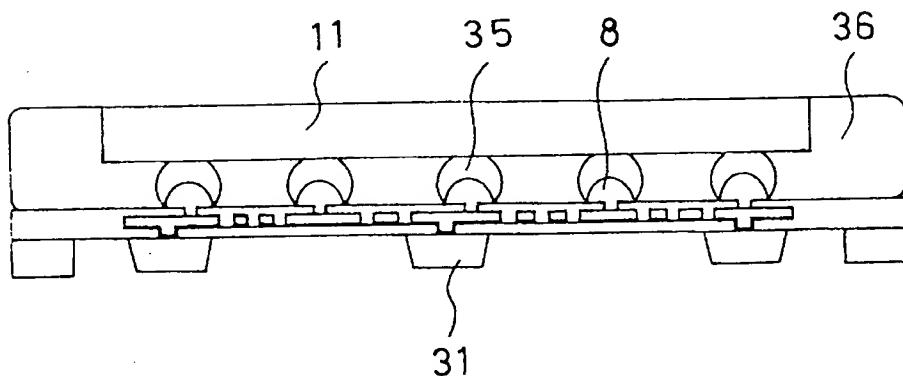


FIG.26

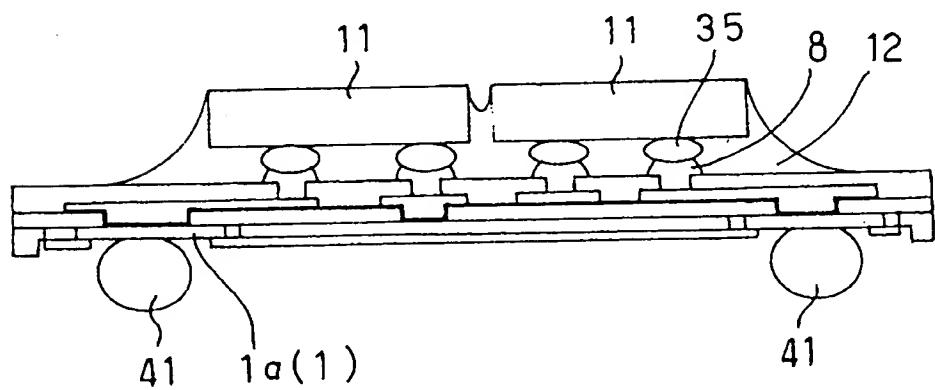


FIG. 27A

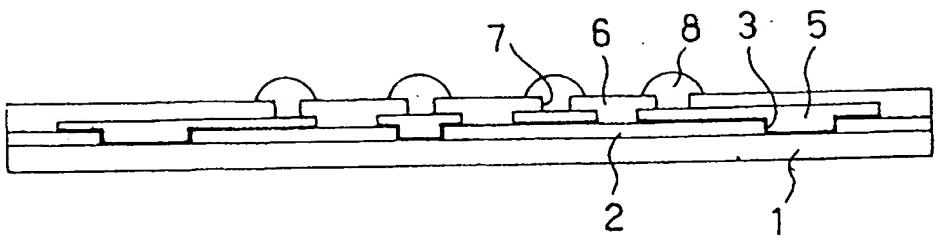


FIG. 27B

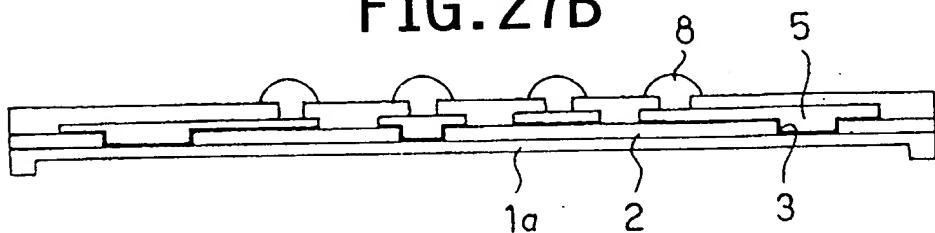


FIG. 27C₈

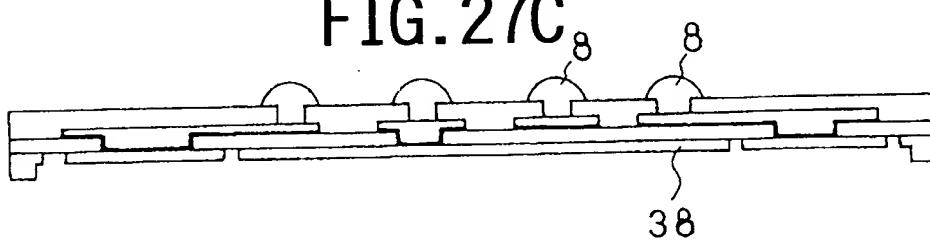


FIG. 27D

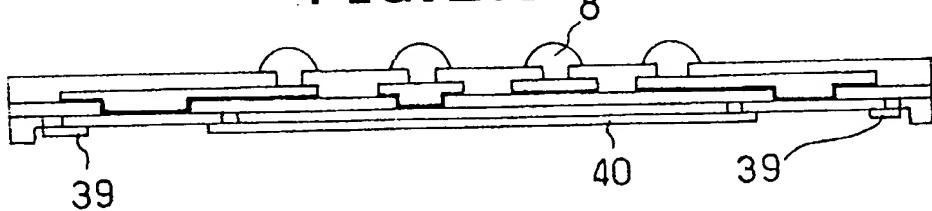


FIG. 28A

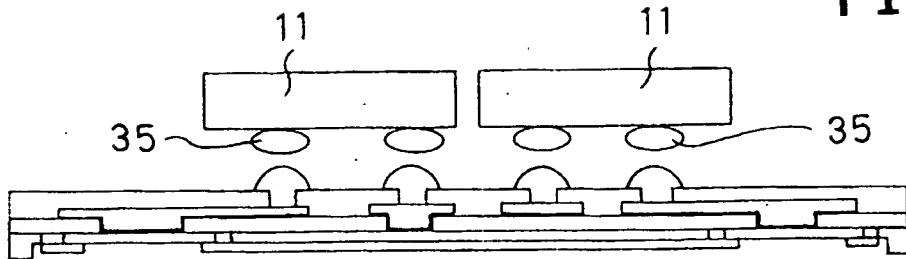


FIG. 28B

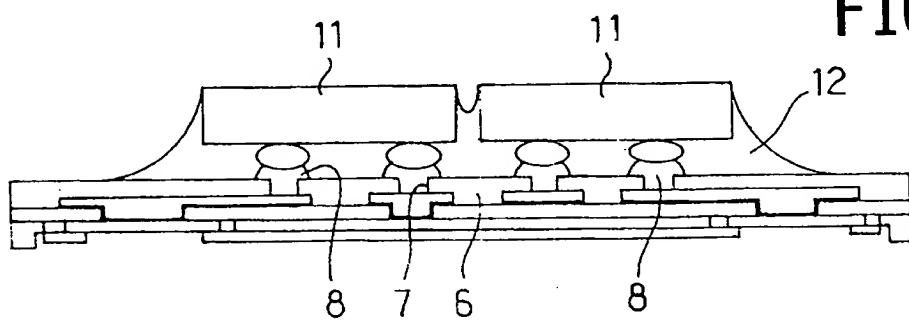


FIG. 29

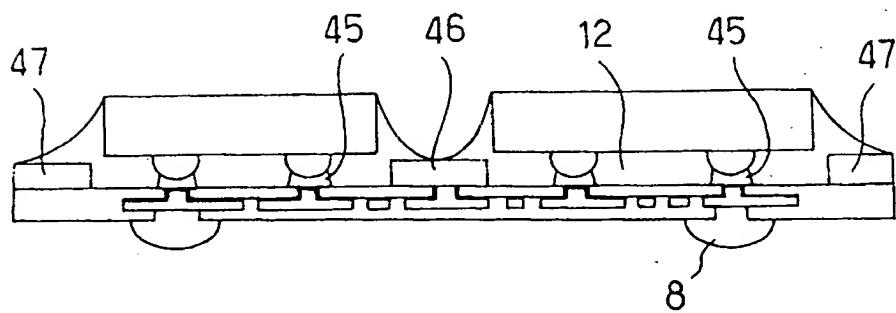


FIG. 30A

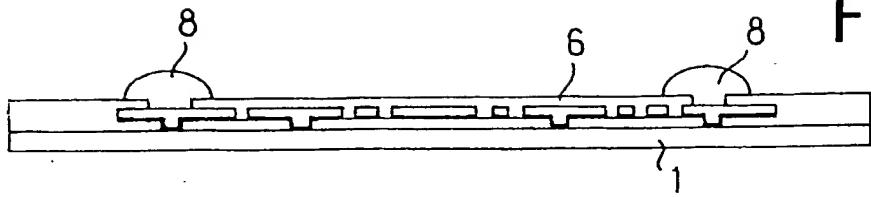


FIG. 30B

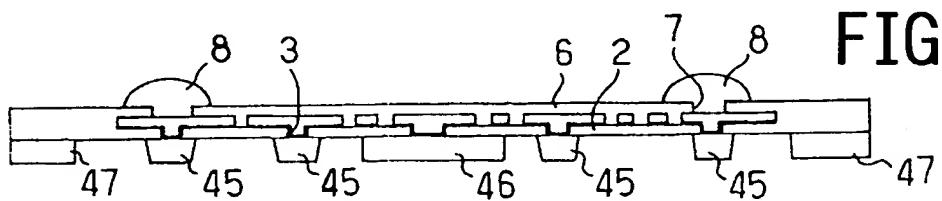


FIG. 31A

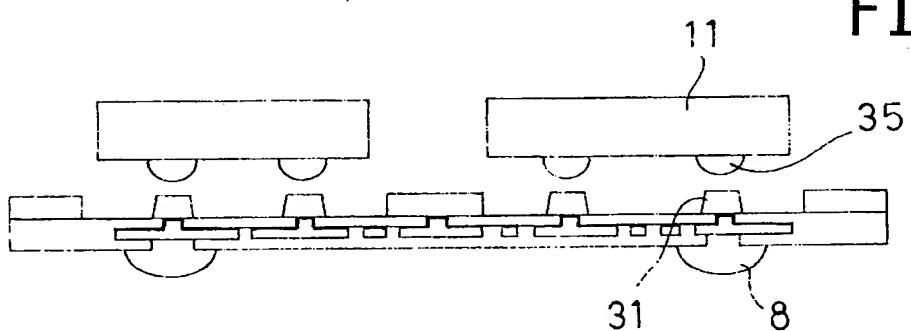


FIG. 31B

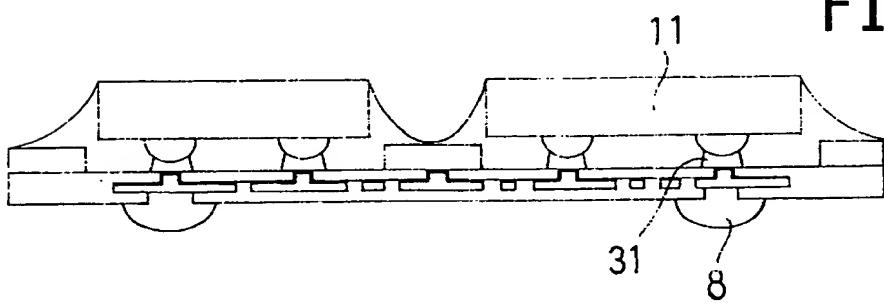


FIG.32

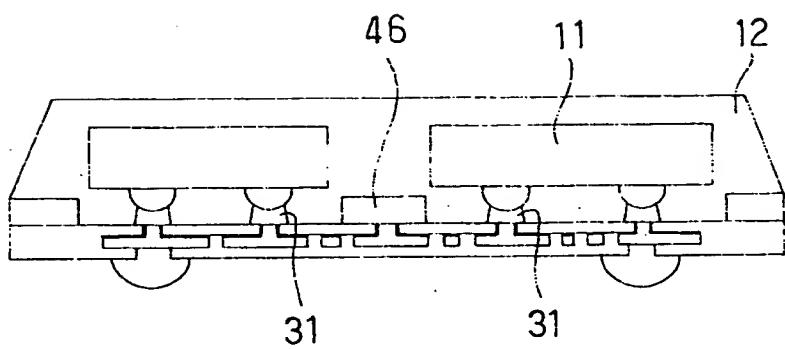


FIG.33

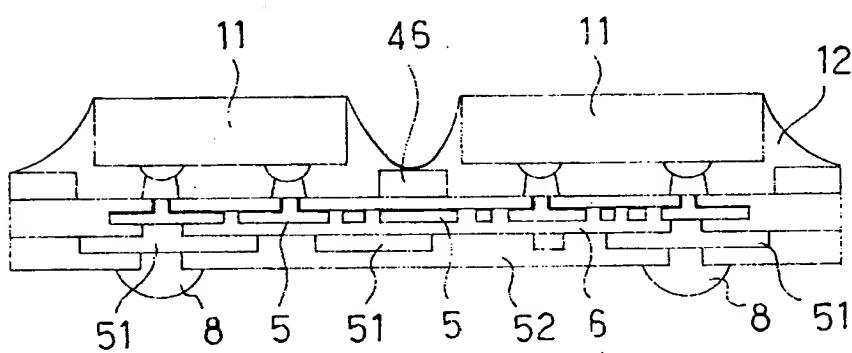


FIG. 34A

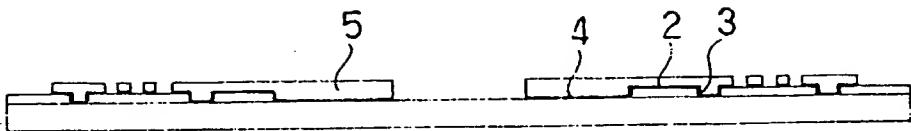


FIG. 34B

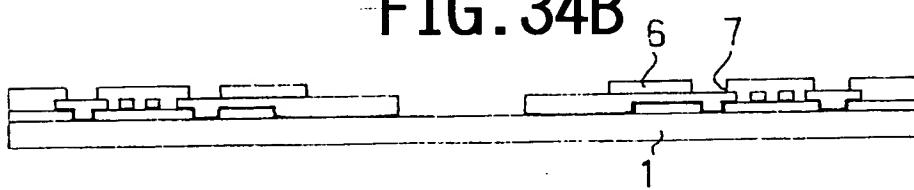


FIG. 34C

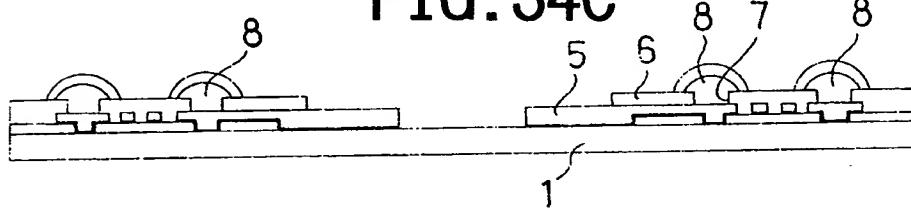
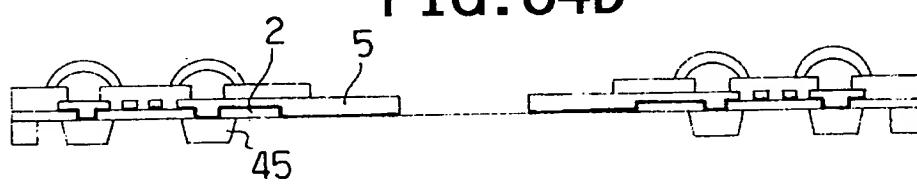


FIG. 34D



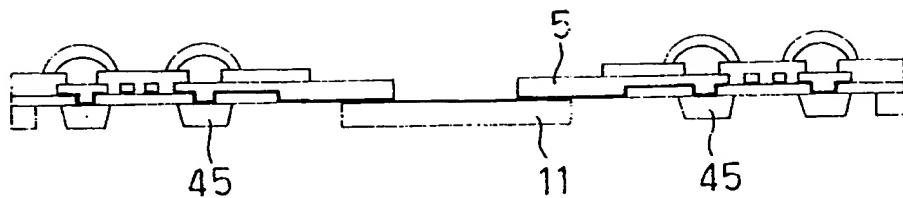


FIG. 35A

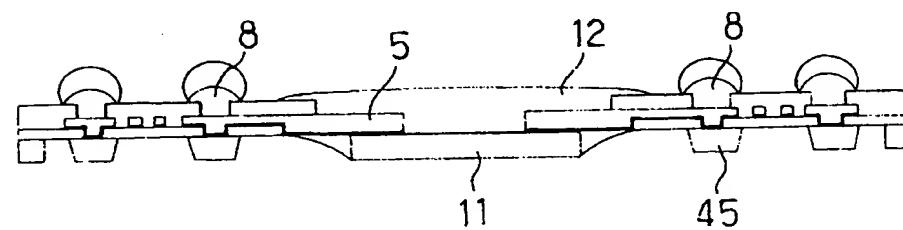


FIG. 35B

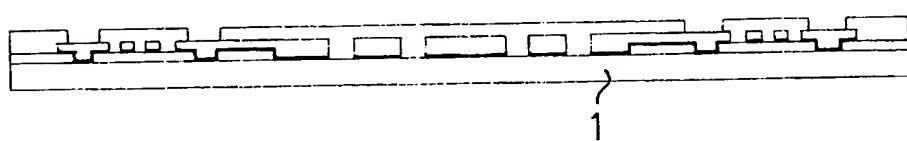


FIG. 36A

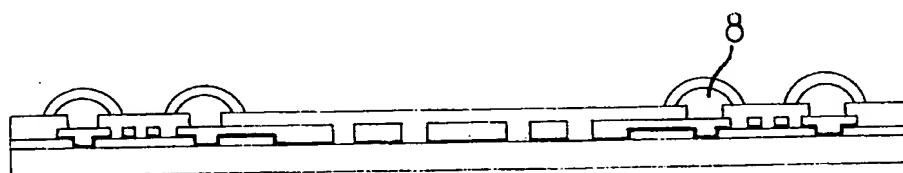


FIG. 36B

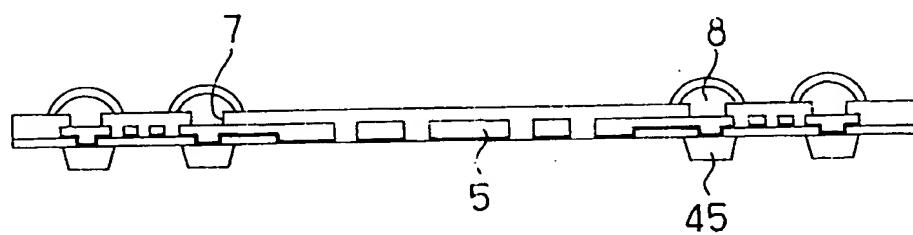


FIG. 36C

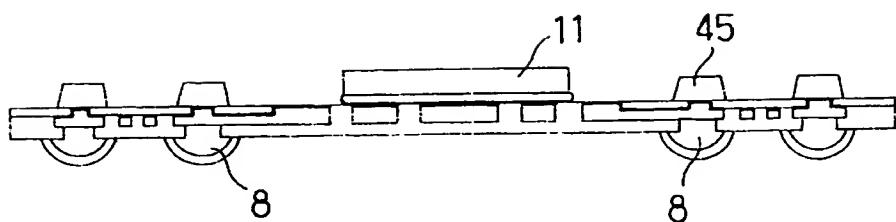


FIG. 37A

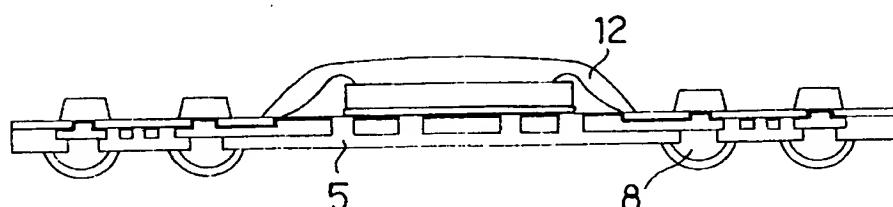


FIG. 37B

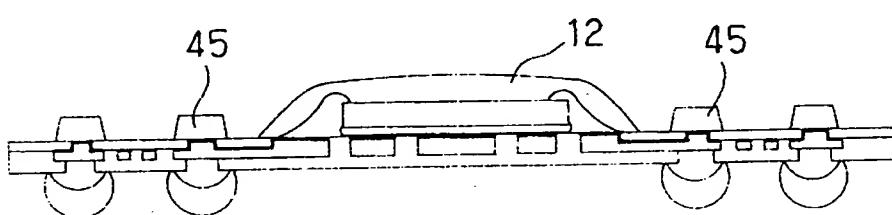


FIG. 37C

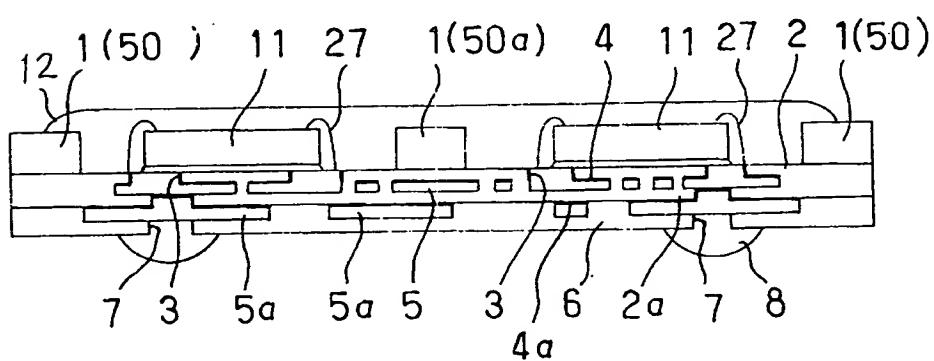


FIG. 38

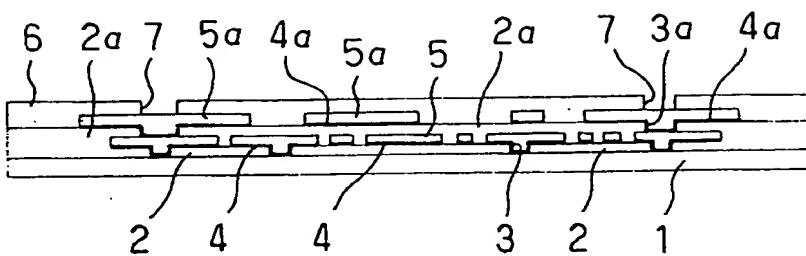


FIG. 39A

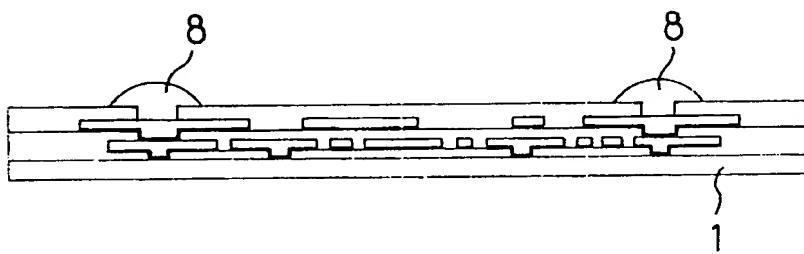


FIG. 39B

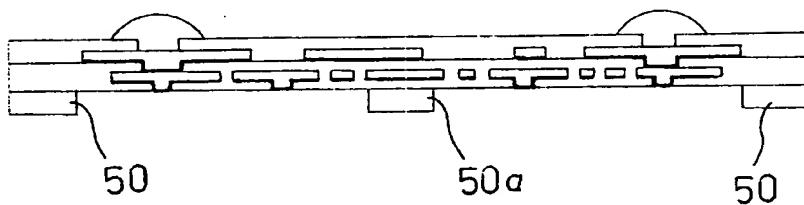


FIG. 39C

FIG. 40A

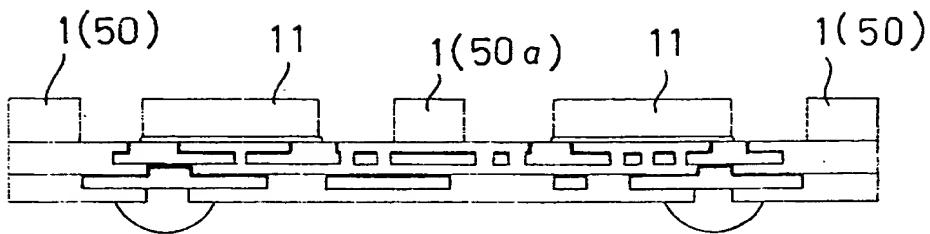


FIG. 40B

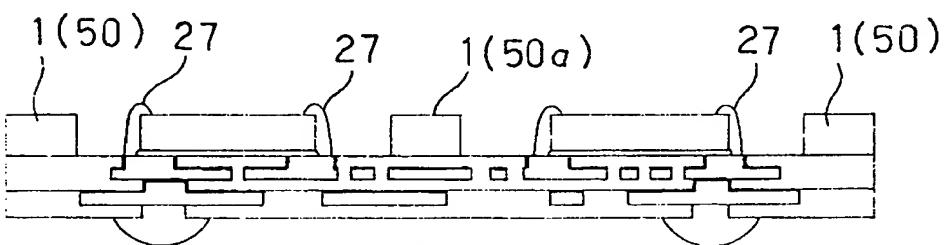


FIG. 41

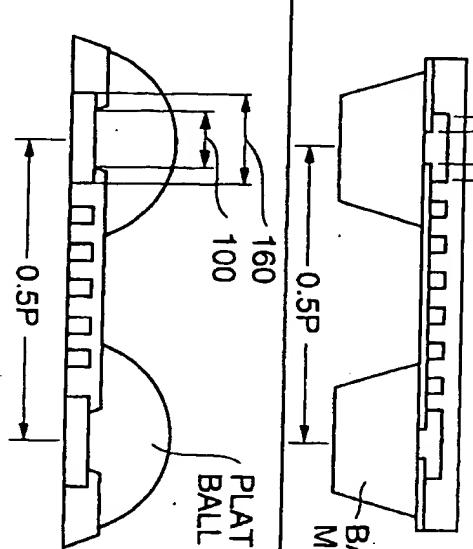
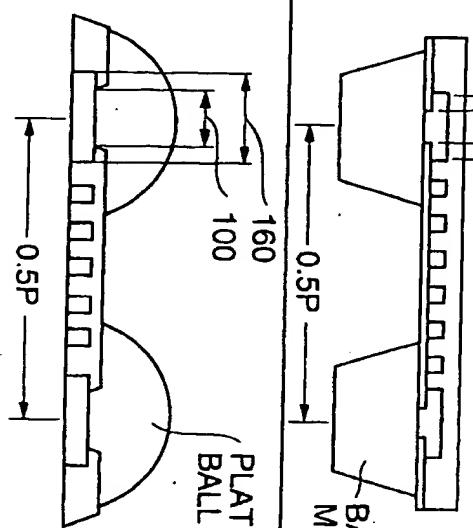
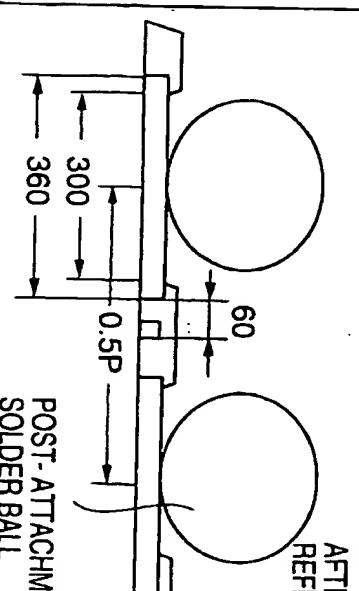
BALL STRUCTURE	THE NUMBER OF LEADS BETWEEN ADJACENT BALLS	DIA METRE OF OPENING	WIRING(L/S)
50 110 	6 LINES	50 μ	30/30 μ
160 100 	PLATING BALL	5 LINES	100 μ
AFTER REFLOWING POST-ATTACHMENT SOLDER BALL 	POST-ATTACHMENT SOLDER BALL	1 LINE OR 2 LINES	30/30 μ

FIG. 42A

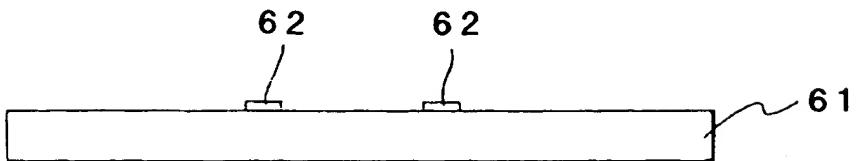


FIG. 42B

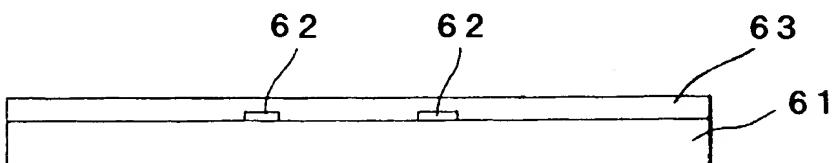


FIG. 42C

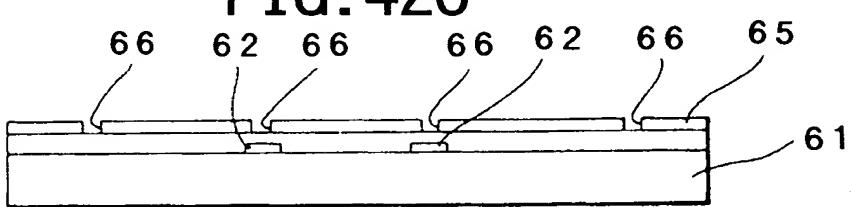
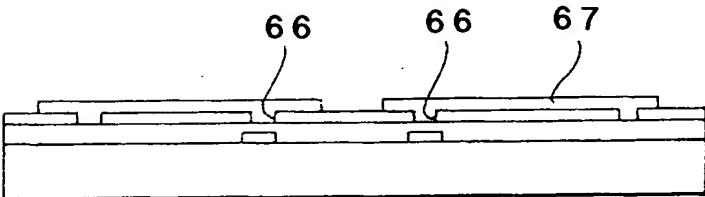


FIG. 42D



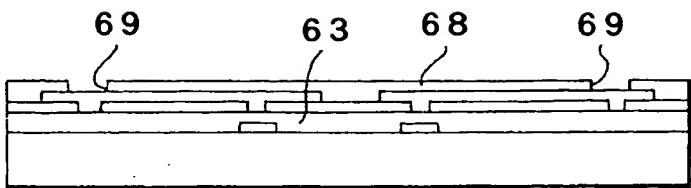


FIG. 43A

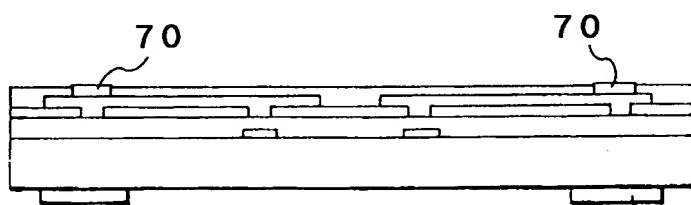


FIG. 43B

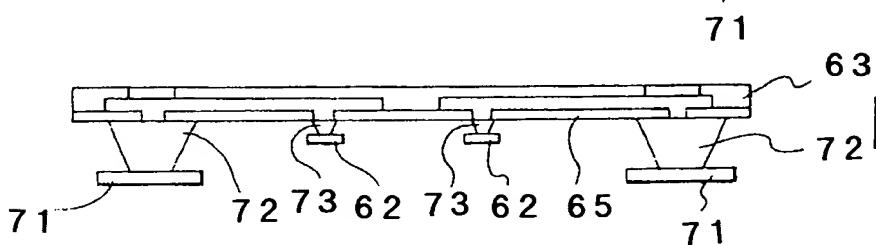


FIG. 43C

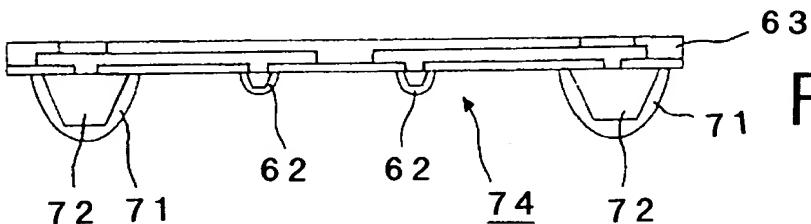


FIG. 43D

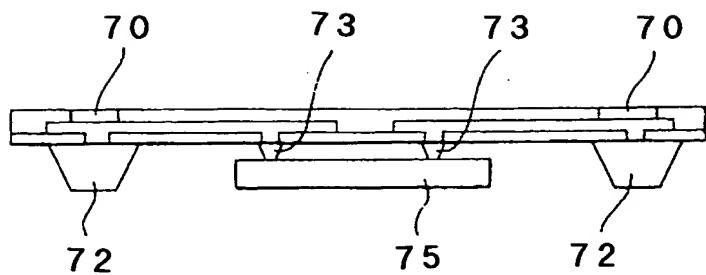


FIG. 44A

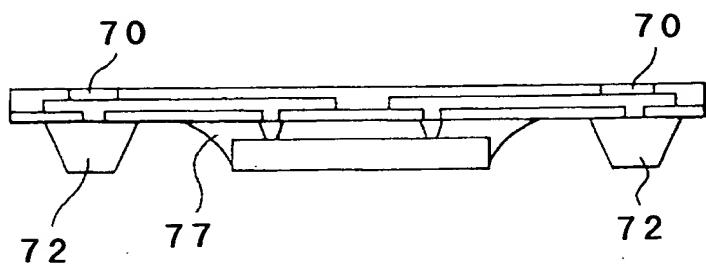


FIG. 44B

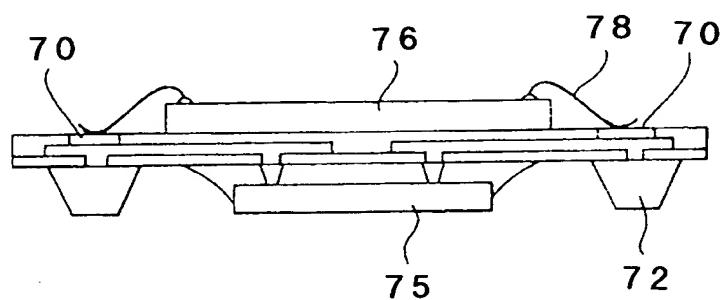


FIG. 44C

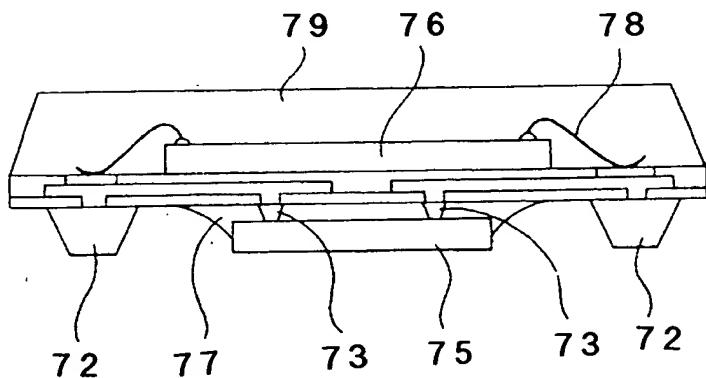
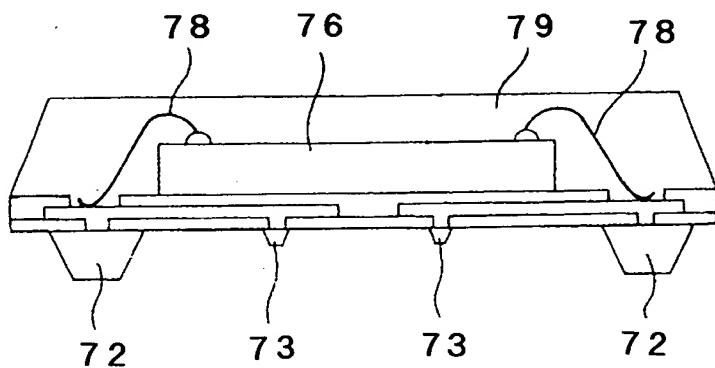
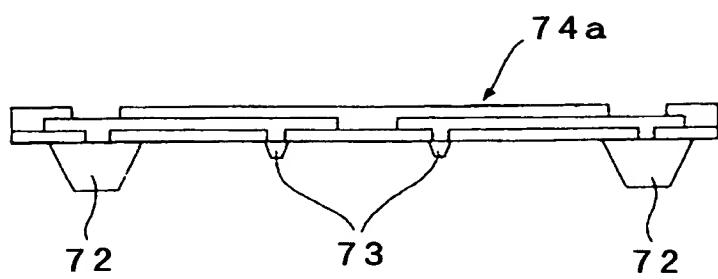


FIG. 44D



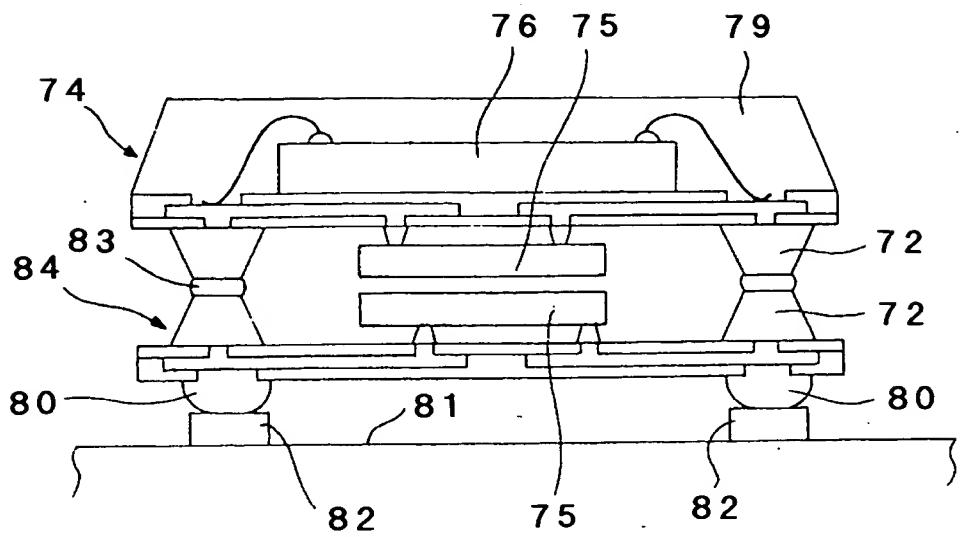
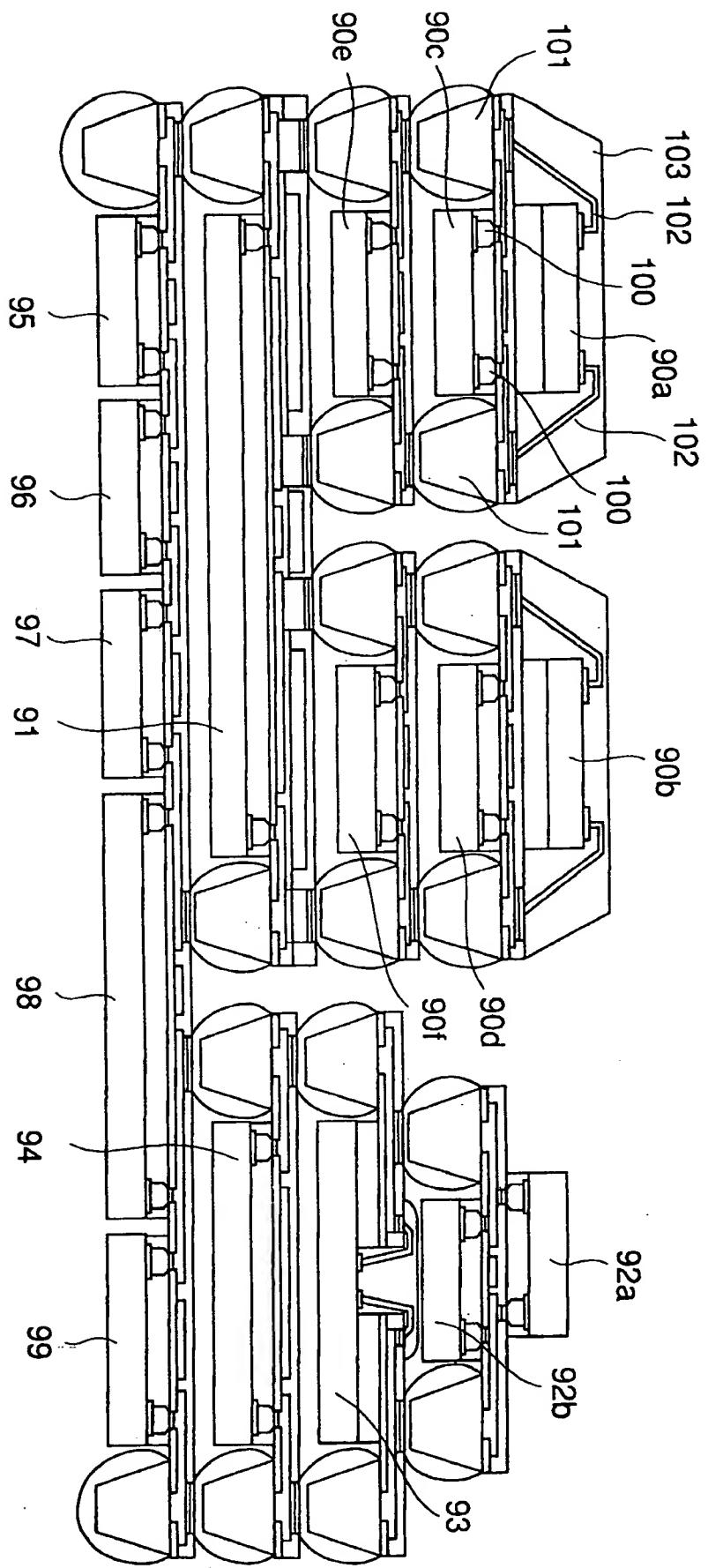


FIG.46

FIG.47



110a

110b

FIG.48

110c

110d

110e

110f

110g

110h

110i

110j

110k

110l

110m

110n

110o

110p

110q

110r

110s

110t

110u

110v

110w

110x

110y

110z

110aa

110bb

110cc

110dd

110ee

110ff

110gg

110hh

110ii

110jj

110kk

110ll

110mm

110nn

110oo

110pp

110qq

110rr

110ss

110tt

110uu

110vv

110ww

110xx

110yy

110zz

110aaa

110bbb

110ccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

110zzzz

110aaaa

110bbbb

110cccc

110ddd

110eee

110fff

110ggg

110hhh

110iiii

110jjjj

110kkkk

110llll

110mmmm

110nnnn

110oooo

110pppp

110qqqq

110rrrr

110ssss

110tttt

110uuuu

110vvvv

110wwww

110xxxx

110yyyy

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